

(Unclassified // FOUO)

Cal OES Internal Statewide Incident Briefing

2000 hours, February 27, 2019



Leadership from fire departments all across California came together at Cal OES HQ today for a Fire & Rescue Mutual Aid Summit.

Photo Credit: Cal OES // Twitter



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

Duty Officer	
EDO	Eric Lamoureux
CSWC Watch Officer	Michael Duddy (Day) Art Arquero (Night)
STAC Duty Officer	STAC@caloes.ca.gov 916-275-4069
FDO	David Stone
LDO	Eric Broughton Ron Quigley (Shadow)
IDO	Lindsey Stanley
CDO	Adam Amaral
SDO	Karla Benedicto
PIO	Kelly Huston
TDO	Chad Stokes
ITDO	Mark Swart
EQTP	Ryan Arba
Tribal Liaison POC	Denise Shemenski
Access and Functional Needs POC	Vance Taylor

National Terrorism Advisory System



Unclassified // FOUO

24 Hour STAC Report

- Report Attached

SITUATION SUMMARY

Cal OES Activation Status

State Operations Center	Inland Region EOC	Coastal Region EOC	Southern Region EOC
Level 2	Level 3	Level 3	Normal Operations

Cal OES INLAND REGION

- See Late February Winter Storms Slides

Railroad Derailment, Norden, Nevada County, SPILL: 19-1405

At 0959 hours on 02/27/2019, the California State Warning Center (CSWC) was advised by Union Pacific Railroad (UPRR) that 1 snow plow derailed upright due to unknown causes.

- No injuries to crew or personnel.
- No hazmat release reported.
- An investigation is underway.
- Notifications made per SOP.

Railcar Derailment, San Jose, Santa Clara County, SPILL: 19-1389

At 0049 hours on 02/27/2019, the California State Warning Center (CSWC) was advised by Cal Train that 2 railcar was derailed upright due to unknown causes.

- No injuries to crew or personnel.
- No hazmat release reported.
- Notifications made per SOP.

Cal OES COASTAL REGION

- See Late February Winter Storms Slides

Cal OES SOUTHERN REGION

- See Late February Winter Storms Slides

SITUATION SUMMARY

Late February Winter Storms

- An atmospheric river will affect California starting Monday 02/25/19 and will continue through Thursday 02/28/19. A concern exists for impacts to burn scars, debris flows, and main stem river systems due to increase of precipitation. The heaviest rain will fall over northern CA Monday and Tuesday and over central CA Tuesday and Wednesday. There is a flood potential for small rivers, creeks, and low-lying areas beginning 02/27/19. See River Forecasts and Flooding for specific rivers and locations.
- Cal OES Duty Officers are monitoring weather and maintaining close contact with their Operational Areas (OAs).
- The Department of Water Resources (DWR) will provide an update after their 1000 hour conference call.

Activations

- State Operations Center (SOC) is activated at level 2
 - A Shift: 0800 – 1900
 - B Shift: 1900 – 0700
- PG&E currently has 7 Operations Emergency Centers (OEC) activated in support of the restoration efforts.
- Department of Water Resources (DWR), Flood Operation Center (FOC) is activated.
 - Operational period:
 - 02/26/19 through 02/28/19, 0700 - 2200 hours
 - Duty Officer status after hours
 - Staffing on Friday, 03/01/19, will be re-evaluated this week.
- **Inland Region**
 - Inland REOC has activated to Level 3 (Lowest) on 02/26/19 at 0800 hours.
 - A Shift: 0800 – 1900
 - B Shift: 1900 – 0700
 - Glenn County Emergency Operations Center (EOC) has activated to Level 1 (Lowest) on 02/26/19 at 0800 hours.
 - Yolo County EOC has activated to their Highest Level at 1015 on 02/27/19.
- **Coastal Region**
 - Coastal REOC has activated to Level 3 (Lowest) on 02/26/19 at 0800 hours.
 - A Shift: 0700 – 1900
 - B Shift: 1900 – 0700
 - Sonoma County EOC has activated at Level 1 (Highest) from 0600 on 02/27/19.
 - Humboldt County EOC has activated at Level 3 at 0600 on 02/27/19.
 - A Shift: 0600 – 1800
 - B Shift: 1800 – 0600



SITUATION SUMMARY

Late February Winter Storms (Continued)

Deployments

• Inland Region

- 1 Cal OES Inland Region Emergency Services Coordinator (ESC) is deployed to Yolo County.
- 1 Cal OES Inland Region ESC is deployed to Glenn County
- 1 Cal OES Inland Region ESC is deployed to Tehama County
- 1 Cal OES Inland Deputy Regional Administrator (DRA) is deployed to Inland Region Emergency Operations Center (IREOC).
- 4 Cal OES Inland ESC is deployed to IREOC.

• Coastal Region

- 1 Cal OES Coastal Region Emergency Services Coordinator (ESC) is deployed to the DWR Flood Operations Center 2/26/19 through 2/28/19, operational period 0700-1900 hours.
- 1 Cal OES Coastal Region ESC assigned to Sonoma County EOC
- 1 Cal OES Coastal Regional Administrator deployed to the Coastal Region Emergency Operations Center (CREOC).
- 1 Cal OES Coastal DRA deployed to the CREOC
- 3 Cal OES Coastal Region ESCs deployed to the CREOC
- 1 Cal OES Coastal Region ESC assigned as A Rep to Marin County EOC
- 3 Cal OES Coastal Region ESC are pre-deployed in Mendocino County and Humboldt County

Proclamations

- [Lake County has submitted a Proclamation due to the 2019 February Winter Storm Event. No requests for assistance at this time.](#)
- [Mendocino County has submitted a Proclamation due to the Late February Winter Storm Event. Requesting a State Declaration of Emergency by the Governor.](#)
- Glenn County has submitted a Proclamation due to the Late February Winter Storm Event. No requests for assistance at this time.
- Sonoma County submitted Local Emergency Proclamation and signed Resolution of the Board of Supervisors due to the 2019 Winter Storms and Flooding.

Department of Water Resources (DWR)

- Several reservoirs are making flood control releases to provide capacity for incoming runoff.
- The FOC remains activated, the need for ongoing activation will be evaluated daily as the storms and any storm-related impacts evolve.
- The Sacramento Maintenance Yard will monitor Cache Creek and other area levees they are responsible for.
 - Currently they have sufficient staff and materials.
- [DWR Sutter Maintenance Yard \(Sutter Yard\) has delivered flood fight materials to Chico, for the work in Hamilton City.](#)
- [Flood Fight Specialists have been deployed to Guerneville and Hidden Valley to provide technical assistance.](#)
- [A Flood Fight Specialist has been deployed to assess the sink hole on American River near H Street.](#)
- [Flood fight repairs on the Sacramento River near Hamilton "J Levee" are approx. two-thirds complete and anticipated to be completed within the next few hours.](#)
- [The flood fight repairs at Irvine Finch State Park on the Sacramento River near Hamilton has been completed.](#)



SITUATION SUMMARY

Late February Winter Storms (Continued)

Evacuations

Mandatory Evacuations

Inland Region

- Yolo County: Sheriff has issued a mandatory evacuation order for the area with borders of CR-17, CR-13, CR-97, and SR-113. [Approx 719 Persons / 279 Households.](#)
- Shasta County: Redding Police Department has implemented mandatory evacuations of residents on the streets of Alvin Drive, Emerald Lane, Jewell Lane, Laguna Honda Street and Safari Mobile Home Park. – [Approx 208 Persons / 81 Households.](#)
- Butte County: Sheriff has issued a mandatory evacuation order for residents in areas of Hamilton Nord Cana Highway, Wilson Landing Road, south of Rock Creek, Alberton Ave (City of Chico) – [Approx 395 Persons / 141 Households.](#)

Coastal Region

- Sonoma County has issued an mandatory evacuations for Individuals living near the Russian River near Guerneville.
 - Asti, Bailhache, Chianti, Guerneville, Guerneville, Guerneville Park, Hacienda, Jenner, Jimtown, Korbel, Lytton, Northwood, Northwood Lodge, Rio Del, Roland, Sheridan, Duncans Mills, El Bonita, Mirabel Heights, Mirabel Park, Monte Rio, Montesano, Summerhome Park, Vacation Beach, Wilson Grove - Approx. 3,297 Persons / 2,062 Households.
 - In Lake County 25 homes are being evacuated in Hidden Valley.

Voluntary Evacuations

Inland Region

- Butte County:
 - Taffee Avenue, Reavis Avenue, and Crouch Avenue between Taffee Avenue and Crouch Avenue due to flooding n the area from Little Chico Creek
 - Anjou Court, Magness Court, and both sides of Bosc Drive due to flooding in the area.
 - Richvale area between the Sacramento River and HWY 99 from Nelson Shippee Road to HWY 162 due to the potential for flooding because of forecast levels in the Cherokee Canal.

Road Closures

Lifeline Routes

- Del Norte County: US 101 is closed from [11.5 miles south to 10.4 miles south of Crescent City](#). Reopened to 1-way controlled traffic.
- Placer and Nevada Counties: I-80 is closed from Colfax to the Nevada State Line. No estimated time of reopening.

Non-Lifeline Closures Due to Slides

- Yolo County: SR 113 is closed from 1 mile north of Woodland to 3.3 miles south of Junction SR 45. [Unknown time of reopening.](#)
- Tehama County: I-5 is closed to southbound traffic at South Ave. in Corning. [Route has fully reopened.](#)



SITUATION SUMMARY

Late February Winter Storms (Continued)

Shelters and Care Centers

Inland Region

- Shasta County
 - Juniper Academy, 375 Ellis St, Redding – [Closed](#)

Coastal Region

- Mendocino County
 - 2240 Old River Rd., Ukiah
 - Capacity: 30
 - Overnight Count: [1](#)
- Marin County
 - Severe Weather Emergency Shelter (SWES), 3240 Kerner Blvd.
 - Homeless shelter only
 - Capacity: 80
 - Overnight Count: 0
- Sonoma County
 - Sebastopol Center for the Arts, 282 S High St, Sebastopol
 - Pets accepted
 - Capacity 156
 - Overnight Count: [25](#)
 - Sonoma County Fairgrounds Grace Pavilion, 1350 Bennett Valley Rd, Santa Rosa
 - For evacuation of clients currently at Guerneville Veterans War Memorial Winter Shelter
 - [Overnight County: 9](#)
 - [Healdsburg Community Center, 1557 Healdsburg Ave., Healdsburg](#)

Critical Infrastructure

As of [1625](#) hours on [02/27/19](#), CUEA confirmed that PG&E has [11,086](#) customers impacted.

Missions

- [2019-SOC-58197](#): Sonoma County is request 4 rescue helicopters to support evacuations and rescues.
- [2019-SOC-58195](#): Sonoma County is request 1 helibase manager to assist in air rescue operations.
- [2019-SOC-58184](#): State Operations Center is requesting State Agency Reps.
- [2019-LAW-58135](#): Sonoma County requested High Water Vehicles.
- [2019-IEROC-58117](#): Hand crews to Glenn County.

SITUATION SUMMARY

Late February Winter Storms (Continued)

California/Nevada River Forecasts

Many rivers across the state are currently at monitoring and flood stages. For River Forecast Guidance, please visit <http://www.cnrfc.noaa.gov/>

Inland Region

The following rivers are forecast to meet or exceed Danger Stage:

- **Yolo County:** Cache Creek at Yolo forecast to be above danger stage at 83 feet at approximately the afternoon of 02/27/19.
 - Potential Impacts: Overflow is expected on the non-leveed south bank, upstream from the start of the south-side levee. Water begins moving southeast toward the city of Woodland. Target elevation is subject to change slightly as additional data are acquired.

The following rivers are forecast to meet or exceed Flood stage:

- **Tehama County:** Sacramento River at Red Bluff forecast to be above flood stage at 253.2 feet at approximately the afternoon of 02/27/19.
 - Potential Impacts: The river starts to flow eastward into Sand Slough on the left bank upstream of the gage. Overflow of east bank of river downstream of gage begins. Housing development in the area is threatened. The trailer house at the south end of Idle Wheels Trailer Park start to take water. Water is up to the parking lot at City Park. Paynes Creek Slough closes Bell Mill Road at Kaer Avenue.
- **Tehama County:** Sacramento River at Tehama Bridge forecast to be above flood stage at 216.2 feet at approximately the morning of 02/27/19.
 - Potential Impacts: Between 213.0 and 214.0 Feet the county park becomes inaccessible. Lower trailer park slots (temporary slots) start to flood.
- **Tehama County:** Sacramento River at Vina Woodson Bridge forecast to be above flood stage at 184.5 feet at approximately the afternoon of 02/27/19.
 - Potential Impacts: South Avenue start to flood east of the river.
- **Glenn County:** Sacramento River at Hamilton City forecast to be above flood stage at 149.5 feet at approximately the evening of 02/27/19.
 - Potential Impacts: West Sacramento Avenue and River Road north of Big Chico Creek flood 1.5 hours after the Hamilton City gage reaches 138.5 and 138.8 feet. Overflow begins on the east bank of the river, from near Wilson Landing Road to Highway 32.
- **Glenn County:** Sacramento River at Ord Ferry forecast to be above flood stage at 115.6 feet at approximately the morning of 02/28/19.
 - Potential Impacts: Designated flood stage. Design overflow level for M&T, 3BS and Goose Lake Flood Control facilities to divert flood flows into Butte Basin. M&T overflows closing River Road from Ord Ferry Road to Chico River Road. Ord Ferry Road is already closed.



SITUATION SUMMARY

Late February Winter Storms (Continued)

California/Nevada River Forecasts (Continued)

Inland Region (Continued)

The following rivers are forecast to meet or exceed Monitor Stage:

- **Tehama County:** Sacramento River at Bend Bridge
- **Glenn County:** Sacramento River at Butte City
- **Colusa County:** Sacramento River at Moulton Weir, Sacramento River at Colusa Weir, Sacramento River at Colusa Bridge
- **Yuba County:** Yuba River at Marysville
- **Sutter County:** Sacramento River at Tisdale Weir, Feather River at Nicolaus, Sacramento River at Fremont Weir
- **Yolo County:** Cache Creek at Rumsey, Sacramento River at Fremont Weir, Yolo Bypass at Lisbon
- **Sacramento County:** Sacramento River at Sacramento at I Street, Cosumnes River at Michigan Bar, Cosumnes River at McConnell, Mokelumne River at Benson's Ferry
- **Merced County:** Merced River at Stevinson

Coastal Region

The following rivers are forecast to meet or exceed Flood stage:

- **Humboldt County:** Mad River at Arcata forecast to be above flood stage at 23.4 feet at approximately the morning of 02/27/19.
 - Potential Impacts: Significant flooding of portions of Mad River Beach Road and adjacent farm lands is likely. May cause water to flow across roads to Tyee City. High tides and strong onshore winds will aggravate flood impacts.
- **Humboldt County:** Eel River at Scotia forecast to be above flood stage at 53.1 feet at approximately the afternoon of 02/27/19.
 - Potential Impacts: Minor flooding is possible in the northern portion of the River's Edge RV Park in Rio Dell. Occupants of the park need to be ready to move their vehicles to higher ground. Flooding of the River's Edge RV Park in Rio Dell is likely. Occupants of the park will need to move their vehicles to higher ground. Minor flooding in the Shively area is possible.
- **Humboldt County:** Eel River at Fernbridge forecast to be above flood stage at 24.7 feet at approximately the afternoon of 02/27/19.
 - Potential Impacts: Minor flooding of Highway 211 to Ferndale south of Fernbridge. Much of the Eel Delta may be flooded, including areas northwest of Loleta, the western portion of Cannibal Island Road. Flooding will be enhanced for longer duration events. A Special Action Advisory is being issued to all owners of livestock in areas adjacent to the Eel River and other low-lying areas. These animals are at risk due to river rises and appropriate action should be considered.
- **Mendocino County:** Navarro River at Navarro forecast to be above flood stage at 33.0 feet at approximately the morning of 02/27/19.
 - Water will flow over the south bank of the river approximately 1 mile east of Highway 1, and begin to flood property in this area including six homes. Expect closure of Highway 128. Motorists should use alternate routes.
- **Mendocino County:** Russian River at Hopland is forecast to be above flood stage at 24.1 feet at approximately the morning of 02/27/19.
 - Flooding of low-lying structures and farm land in the Hopland, Ukiah, and Talmage areas. Many secondary roads may also be flooded. Severe bank erosion is possible.

SITUATION SUMMARY

Late February Winter Storms (Continued)

California/Nevada River Forecasts (Continued)

Coastal Region (Continued)

The following rivers are forecast to meet or exceed Flood stage (Continued):

- **Lake County:** Clear Lake at Lakeport is forecast to be above flood state at 9.6 feet at approximately the morning of 03/01/19.
 - Potential Impacts: Low lying structures and some main roads around the lake are threatened by the high lake levels.
- **Sonoma County:** Russian River at Healdsburg forecast to be above flood stage at 25.0 feet at approximately the morning of 02/27/19.
 - Potential Impacts: Minor flooding continues. Low-lying areas south of US 101 begin to flood.
- **Sonoma County:** Russian River at Guerneville forecast to be above flood stage at 41.6 feet at approximately the evening of 02/27/19.
 - Potential Impacts: In Guerneville, River Road closed. In Monte Rio, the main intersections flood. Monte Rio Elementary School begins to flood.

The following rivers are forecast to meet or exceed Monitor Stage:

- **Solano County:** Sacramento River at Rio Vista
- **Del Norte County:** Klamath River at Klamath
- **Humboldt County:** South Fork Eel River at Miranda, Van Duzen River at Bridgeville
- **Napa County:** Napa River at Saint Helena

School Closures

Inland Region

- Nevada County
 - Tahoe-Truckee Unified School District
- Colusa County
 - All schools in the Maxwell District
- Butte County
 - Nord School

SITUATION SUMMARY

Late February Winter Storms (Continued)

School Closures (Continued)

Costal Region

- Marin County
 - Bodega Bay Elementary School
 - Inverness Elementary School
 - Tomales Elementary and High Schools
 - West Marin Elementary School
- Sonoma County
 - Alexander Valley Union School District
 - Cloverdale Unified School District
 - Forestville Union School District
 - Fort Ross School District
 - Geyserville Unified School District
 - Guerneville School District
 - Harmony School District
 - Headwaters Academy (SCOE)
 - Healdsburg Unified School District
 - Horicon School District
 - Monte Rio School District
- Mendocino County
 - Point Arena High
 - Arena Elementary
 - Ukiah Unified Schools
 - MCOE Schools
 - Manchester
- Montgomery Elementary School District
- Oak Grove Union School District
- Rancho Cotate High School
- Sebastopol Charter
- Sebastopol Union
- The REACH Charter School, Sebastopol
- Twin Hills School District
- Village Public Charter School
- West Sonoma County Union High School District
- West Side Union School District



FIRE ACTIVITY

Cal OES Fire Preparedness Levels

National	Northern California	Southern California
Preparedness Level 1	Preparedness Level 1	Preparedness Level 2
	Multi-Agency Coordination System MACS Mode: 2	Multi-Agency Coordination System MACS Mode: 2

Please note: The National and Regional Preparedness Levels are maintained by the National Multi-Agency Coordination (MAC) Group and are separate from Cal OES activation levels.

Prepositioning of Resources

- Cal OES Fire and Rescue staff are prepared to coordinate with local Operational Areas (counties) to preposition fire apparatus and personnel to augment local resources in preparation for the current weather/Mud and Debris Flow event.

Cal OES EMAC Missions

- **2018-SOC-56344:** California requested Public Assistance Coordinators to assume the role of Program Delivery Managers (PDMG) and assist Cal OES with utilizing FEMA's program delivery system.
 - 2 Public Assistance Coordinators from Louisiana are on-scene providing support in Northern California.
 - 2 Public Assistance Coordinators from Louisiana are on-scene providing support in Southern California.

MAJOR ROAD / HIGHWAY / BRIDGE CLOSURES

Major Road Closures		
Northern California	Central California	Southern California
No Lifeline Route Closures	Lifeline Route Closures	No Lifeline Route Closures

Lifeline Routes:

- See Late February Winter Storms Slides

Non-Lifeline Routes:

- Click [here](#) for a list of current road closures.

Wildfire Closures:

- There are no wildfire closures.

Emergency Center Activations:

- There are no emergency center activations.

Interactive Travel Forecast Map Based on Weather Conditions Provided by National Weather Service (Prototype)

<http://www.wrh.noaa.gov/wrh/travel/?wfo=mtr>



Click on the Caltrans Logo to check
current Hwy. conditions.
You can also call 1-800-427-7623 for
current Hwy. conditions.



CALIFORNIA 911 SYSTEM

CA 911 Outages		
Northern California	Central California	Southern California
911 Outage	No 911 Outages	No 911 Outages

911 Outages/Remote/Community Isolations:

Central Office Isolation, Sierra City, Sierra County (Update)

On 02/27/19 at 2359 hours, the CSWC was notified of an isolation in Sierra City in Sierra County. ATT reported the community of Sierra City went into isolation and is unable to make 911 landline calls due to a Central Office failure.

- AT&T reported the community of Sierra City in Sierra County, is in isolation and is unable to make 911 landline calls due to a Fiber Optic Cable Cut.
- Sierra County Sheriff is the jurisdiction affected.
- Wireless calls are not impacted.
- [AT&T now expects late restoral around 2200 hours on 02/27/19.](#)
- Approx. 538 wireline calls are unable to make 911 calls.
- The estimated time of restoration is at late morning on 02/27/19.
- Updates will be provided as they become available.

Service Interruptions:

- None reported

WEATHER OF CONCERN

NORTHERN CALIFORNIA

- A wet Pacific storm continues to affect Northern California. Heaviest rain has passed, with showers expected through Thursday.
 - Current impacts include urban and small stream flooding, main stem river flooding, possible downed trees and power outages due to gusty winds and saturated soils, and hazardous mountain travel from heavy snow and strong wind.
- Sierra rain & snow continues today. Burst of heavy snow tonight and early Thursday morning.
 - Windy with periods low visibility, poor travel, and high avalanche danger.
 - Heaviest mountain snow expected overnight tonight
- Heavy mountain snow continues with snow levels between 5000-6000 feet, then falling to 2000-3000 feet early Thursday morning.
- Light rain today will taper off overnight with mostly dry conditions through much of Thursday. A weak system will bring some additional light rain showers to Humboldt and Del Norte counties Thursday night into Friday while other areas remain dry. Widespread light rain and some mountain snow showers are expected on Saturday.
 - Flooded roads and property - major river flooding of the Eel River at Fernbridge
 - Rock and mud slides in steep terrain

SOUTHERN CALIFORNIA

- Rain will continue to move through the region overnight. Thursday and most of Friday will be dry then rain returns Friday night through midday Sunday. Most of the rain will fall on Saturday. There is a chance of another storm Tuesday through Thursday. Snow levels will be well above the passes with all storms.
 - Slippery roads and traffic delays should be expected. Minor flooding is possible with the wetter second storm Friday night through late Saturday.

Weather Advisories, Watches, and Warnings currently active in California:

- <http://www.wrh.noaa.gov/hazardSummary/?state=ca>

Active Weather Warnings, Watches and Advisories by County:

- <http://www.wrh.noaa.gov/hazardSummary/?state=ca&bycounty=1>

WEATHER KEY POINTS

02/27/19 - 03/05/19

Wednesday-Thursday

- Rain intensities decreasing today but still expecting another 1-3" inches within the next 36-48 hours.
 - Some rivers and streams have already peaked but several more are expected to peak today and overnight.
 - Snow levels will be over 5000 feet with an additional 6-12". The highest terrain across the Sierra could see another 12-18" of snow over the next 36-48 hours.
 - Widespread small stream and urban flooding will continue with road closures
 - The threat of debris flows over burn scars remains very low with rainfall rates below threshold
 - That said, there will still be a lot of standing and moving water over low lands/roads.
 - Rock and mud slides (with the potential for more) are affecting travel across mountains
 - Gusty winds will continue with the potential for downed tree branches and power outages. Winds will also produce travel difficulties, including significant blowing snow and reduced visibilities in the mountains.

Friday

- Generally drier conditions expected, though some showers will linger, especially over the Sierra.

Saturday-Sunday

- Another storm system will move into the state through the weekend, bringing another round of valley rain and mountain snow to much of California. This currently looks to be a faster moving and less prolonged storm system. This next system will move through a bit farther south with rain showers over Central and Southern CA.

Monday-Tuesday

- Another storm system will move into the state through the weekend, bringing another round of valley rain and mountain snow to much of California. This currently looks to be a faster moving and less prolonged storm system.



CALIFORNIA WEATHER IMPACTS

02/27/19 - 03/05/19

<u>Hazards / Day</u>	WED	THU	FRI	SAT	SUN	MON	TUE
Non-Thunderstorm Damaging Winds	Inland						
Snow	Inland	Inland		Inland	Inland		
Coastal Flooding	Coastal/ Inland	Coastal/ Inland					
River Flooding	Coastal/ Inland	Coastal/ Inland	Coastal/ Inland				
Thunderstorms (Wind / Hail / Tornadoes)							
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)							
Heat Risk							
Heavy Rain / Flash Flooding / Debris Flow	Coastal/ Inland	Coastal/ Inland	Coastal/ Inland	Coastal/ Inland	Coastal/ Inland	Coastal/ Inland	Coastal/ Inland
Extreme Cold							



No Impacts



Minimal Impacts



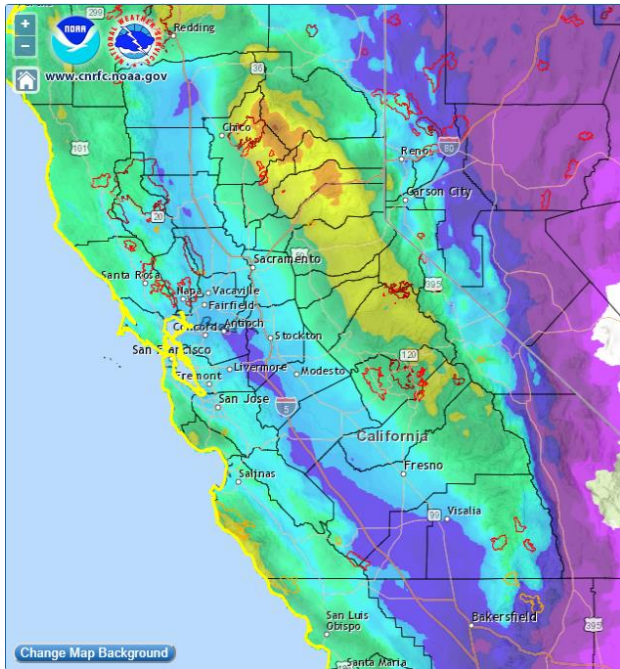
Moderate Impacts



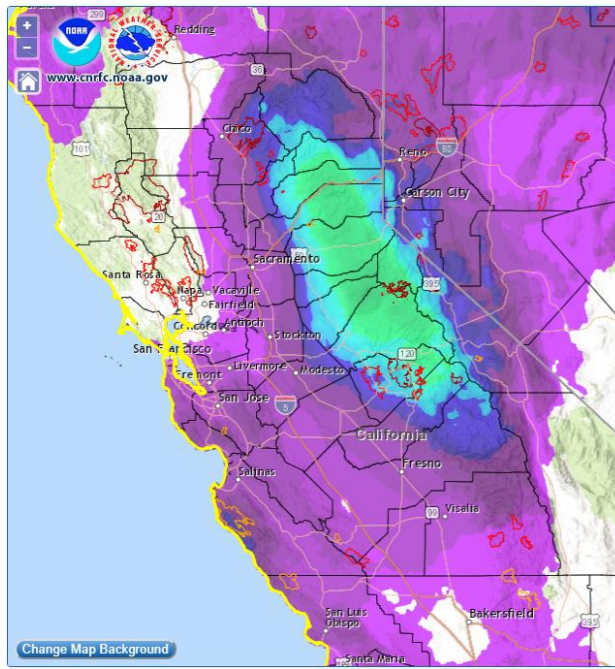
Severe Impacts

PRECIPITATION FORECAST

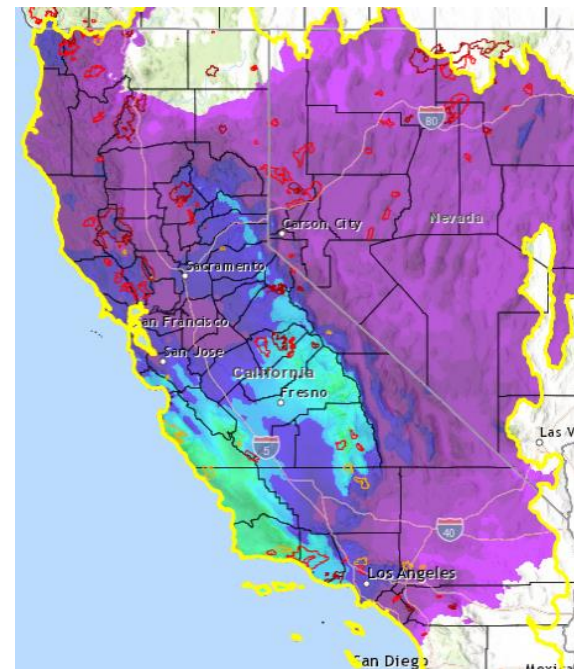
02/27 – 03/01



Wednesday



Thursday



Friday

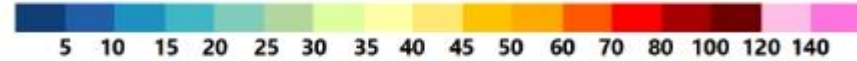
Precipitation (inches)





Wind Gust Forecast

Through 4PM 03/01/19



Eureka
10-20 mph

Redding
20-30 mph

Sacramento
40-45 mph

Tahoe
40-45 mph

San Francisco
45-50 mph

Fresno
20-30 mph

Los Angeles
10-20 mph

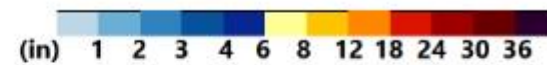
San Diego
10-20 mph

Issued: February 27, 2019



Snow Forecast

Through 4PM 03/01/19



Eureka
0"

Redding
0"

Sacramento
0"

Tahoe
12-18"

Fresno
0"

San Francisco
0"

Los Angeles
0"

San Diego
0"

Issued: February 27, 2019

WEATHER OUTLOOK

03/04/19 - 03/12/19

6-10 Day Outlook (Mar 4 – Mar 08)

Temperatures

- Moderate confidence in below normal temperatures Northern and Central CA with near normal temperatures Southern CA

Precipitation

- Moderate confidence in above normal precipitation statewide, especially Central CA

8-14 Day Outlook (Mar 6 – Mar 12)

Temperatures

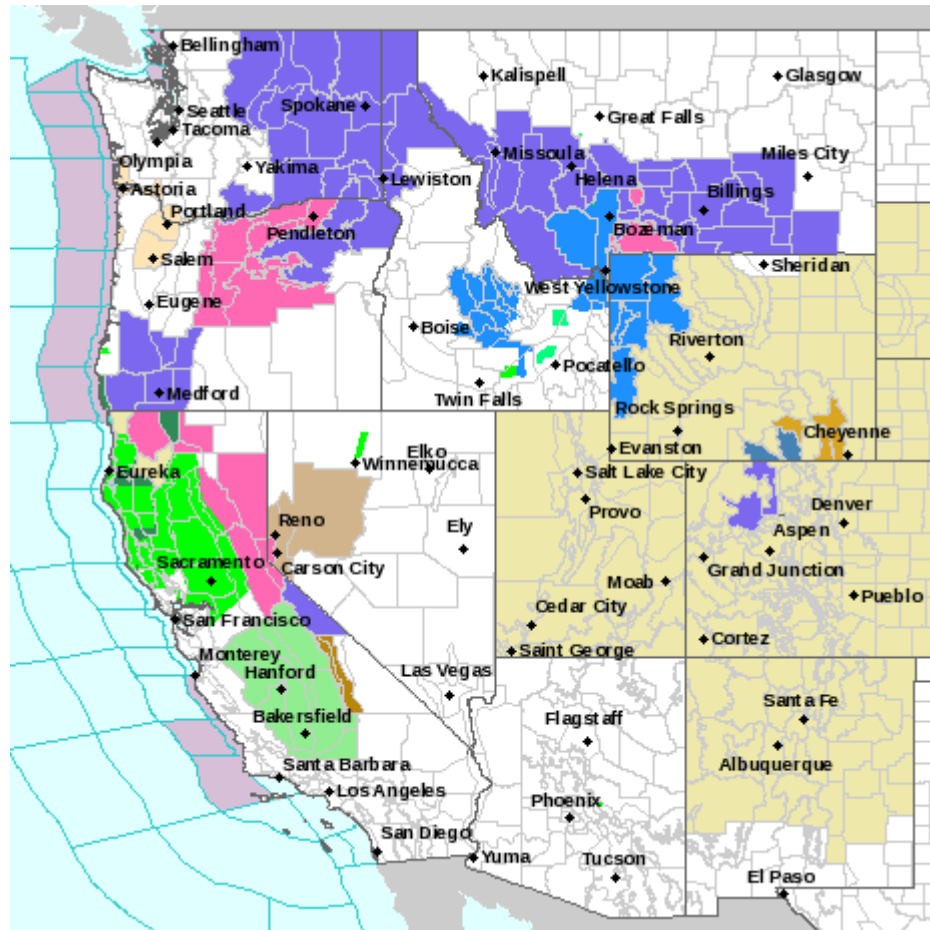
- Moderate confidence in below normal temperatures Northern and Central CA and near normal temperatures Southern CA

Precipitation

- Moderate confidence in above normal precipitation statewide with high confidence in above normal precipitation Central CA



WEATHER MAP



- [Winter Storm Warning](#)
- [High Wind Warning](#)
- [Avalanche Warning](#)
- [Flood Warning](#)
- [Winter Weather Advisory](#)
- [Flood Advisory](#)
- [Small Craft Advisory For Hazardous Seas](#)
- [Small Craft Advisory For Rough Bar](#)
- [Small Craft Advisory For Winds](#)
- [Small Craft Advisory](#)
- [Wind Advisory](#)
- [Beach Hazards Statement](#)
- [Winter Storm Watch](#)
- [Flood Watch](#)
- [High Wind Watch](#)
- [Special Weather Statement](#)
- [Hazardous Weather Outlook](#)
- [Hydrologic Outlook](#)
- [Short Term Forecast](#)



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

Cal OES LAW ENFORCEMENT MISSIONS

Cal OES Law Missions

- **2019-LAW-58166, 2/26/19, 1730 hrs:** Sonoma County Sheriff's Office (SCSO) requested six CA National Guard (CNG) High Water Vehicles (HWVs) in anticipation of the Russian River flooding, necessitating mandatory evacuations. Law Enforcement Branch reviewed & approved the mission. CNG accepted the mission and will stage vehicles at the Santa Rosa National Guard Armory, pending assignment by SCSO.
MISSION ON-GOING

Cal OES MISSION TASKING

Cal OES Missions

- **2019-SOC-58197:** Sonoma County is request 4 rescue helicopters to support evacuations and rescues. (Coordinating)
- **2019-SOC-58195:** Sonoma County is request 1 helibase manager to assist in air rescue operations. (Coordinating)
- **2019-SOC-58184:** State Operations Center is requesting State Agency Reps. (On Scene)
- **2019-IEROC-58117:** Hand crews to Glenn County (On Scene and Enroute)
- **2019-SREOC-57753:** Requesting equipment to excavate material from under road culverts. (On Scene)
- **2019-SOUTHERN-57469:** Daily Operations - Mono County is requesting 2 CDCR hand crews from Owens Valley Conservation Camp #26 with 2 CAL FIRE Captains to assist with critical snow removal operations in Mammoth Lakes. (On Scene)
- **2019-SOUTHERN-57447:** Daily Operations - Mono County is requesting 2 CDCR hand crews from Owens Valley Conservation Camp #26 with 2 CAL FIRE Captains to assist with critical snow removal operations in Mammoth Lakes. (On Scene)
- **2019-SOC-57397:** Cal OES is requesting Caltrans assistance in developing a detailed traffic management plan for the debris operations in Butte County. (On scene)
- **2018-SOUTHERN-56869:** Daily Operations - Communication Support for the Baker to Vegas Challenge Cup Relay XXXIV
- **2018-IREOC-49869:** 2018 July Statewide Wildfires - Debris Management Task Force for Shasta County. (On Scene)
- **2018-CREOC-48046:** 2018-06-23-Lake-Wildland Fire - DTSC to clear debris from Pawnee Fire. (Coordinating)
- **2018-IREOC-45244:** Daily Operations - Caltrans to remove dead and dying trees along highways in Kern, Tulare, Fresno, Madera, Mariposa, Tuolumne, Calaveras, Butte, Plumas, Sierra, Shasta, and Lassen counties. (On Scene - Long-term assignment)
- **2017-INLAND-42559:** Daily Operations - Weather station installed to gather real time rainfall data by Air Resources Control Board (ARB). Mission extended through 05/30/19. (On Scene)



Cal OES

GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.